

Notice of Allowability

Application No.

09/699,248

Examiner

Phirin Sam

Applicant(s)

RATHI ET AL.

Art Unit

2661

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 09/20/2004.
2. ☒ The allowed claim(s) is/are 33-76.
3. ☒ The drawings filed on 20 September 2004 are accepted by the Examiner.
4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08),
Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit
of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413),
Paper No./Mail Date _____
7. ☐ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____


PHIRIN SAM
PRIMARY EXAMINER

DETAILED ACTION

Claims Cancellation

1. The request for cancel claims 1-32 filed on 09/20/2004 without prejudice or disclaimer has been noticed and entered.

Allowable Subject Matter

2. The following is an examiner's statement of reasons for allowance:

Regarding claims 33-44, prior arts do not disclose a method comprising a combination of:

- (1) logging information about the at least one object by the second network element in response to a change in value of the object;
- (2) transmitting an indication from the second network element to the first network element of the change in value of the at least one object;
- (3) reading by the first element of the information logged on the second network element in response to the transmitted indication.

Regarding claims 45-56, the prior arts do not disclose an article of manufacture comprising a machine-readable medium that provides instructions, that when executed by a machine, cause the machine to perform operations comprising a combination of:

- (1) logging information about the at least one object by the second network element in response to a change in value of the object;
- (2) transmitting an indication from the second network element to the first network element of the change in value of the at least one object;

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(3) reading by the first element of the information logged on the second network element in response to the transmitted indication.

Regarding claims 57-59, the prior arts do not disclose an apparatus comprising a combination of:

- (1) read information logged in a management information base instance table on the network element; and
- (2) the transceiver to receive an indication from the network element in response to a change in the value of the configuration object, the transceiver to read the information logged in the management information base instance table on the network element in response to the indication of change in the value of the configuration object.

Regarding claims 60-64, the prior arts do not disclose a method comprising a combination of:

- (1) logging information about the at least one object by the network element in response to a change in value of the object;
- (2) wherein receiving a request at a network element to monitor at least one object on the network element comprises establishing a rule in a management information base rules table on the network element to monitor a configuration object on the network element, and wherein monitoring a configuration object comprises specifying the configuration object's object identifier in the management information base tree, and wherein specifying the configuration object's object identifier comprises using a less specific object identifier in the management information base tree, if monitoring the configuration object is not supported in the management information base tree.

Regarding claims 65-68, the prior arts do not disclose a method comprising a combination of:

- (1) reading information logged on the network element in response to the indication received;
- (2) transmitting a request to the network element to monitor at least one object on the network element comprises writing a rule to a management information base rules table on the network element to monitor a configuration object of the network element, and wherein writing a rule to a management information base rules table on the network element to monitor a configuration object further comprises writing a rule to monitor at least one of an addition, deletion, modification or a change in value of the configuration object by the network element.

Regarding claims 69-72, the prior arts do not disclose an article of manufacture comprising a machine-readable medium that provides instructions, that when executed by a machine, cause the machine to perform operations comprising a combination of:

- (1) logging information about the at least one object by the network element in response to a change in value of the object;
- (2) receiving a request at the network element to read the information about the at least one object logged on the network element in response to the transmitted indication;
- (3) wherein receiving a request at the network element to monitor at least one object on the network element includes establishing a rule in a management information base rules table on the network element to monitor a configuration object of the network element, and wherein monitoring a configuration object on the network element includes specifying the configuration object's object identifier in the management information base tree.

Regarding claims 73 and 74, the prior arts do not disclose an article of manufacture comprising a machine-readable medium that provides instructions, that when executed by a machine, cause the machine to perform operations comprising a combination of:

- (1) reading information logged on the network element in response to the indication received;
- (2) wherein transmitting a request to the network element to monitor at least one object on the network element includes writing a rule to a management information base rules table on the network element to monitor a configuration object of the network element, wherein writing a rule to a management information base rules table on the network element to monitor a configuration object includes writing a rule to monitor at least one of an addition, deletion, modification or a change in value of the configuration object by the network element.

Regarding claims 75 and 76, the prior arts do not disclose an article of manufacture comprising a machine-readable medium that provides instructions, that when executed by a machine, cause the machine to perform operations comprising a combination of:

- (1) reading information logged on the network element in response to the indication received;
- (2) wherein transmitting a request to the network element to monitor at least one object on the network element includes writing a rule to a management information base rules table on the network element to monitor a configuration object of the network element, and wherein writing a rule to a management information base rules table on the network element to monitor a configuration object includes specifying the configuration object's object identifier in the management information base tree.

Conclusion

3. Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

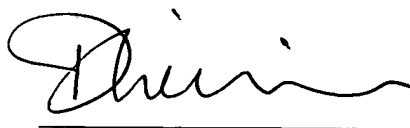
4. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Phirin Sam whose telephone number is (571) 272-3082. The examiner can normally be reached on Mon-Fri, 8:00AM - 4:30PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Chau T Nguyen can be reached on (571) 272 - 3126. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Respectfully submitted,

Date: March 13, 2005

A handwritten signature in cursive script, appearing to read 'Phirin', written in black ink. The signature is fluid and stylized, with a long horizontal stroke at the end.

**PHIRIN SAM
PRIMARY EXAMINER**